

349.0470 1



**UNITED STATES DEPARTMENT OF COMMERCE**

**Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 13, 2001

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH PA  
PETER C. MAKI  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402



\*101571622A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/12/2000

REEL/FRAME: 011385/0233  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DOTEN, GREGORY P.

DOC DATE: 12/07/2000

ASSIGNOR:

TEDHAM, THOMAS A.

DOC DATE: 12/11/2000

ASSIGNOR:

BROCKWAY, BRIAN P.

DOC DATE: 12/11/2000

ASSIGNEE:

DATA SCIENCES INTERNATIONAL, INC.  
4211 LEXINGTON AVENUE NORTH, SUITE  
2244  
ST. PAUL, MINNESOTA 55126

SERIAL NUMBER: 09735378

PATENT NUMBER:

FILING DATE: 12/07/2000  
ISSUE DATE: 12/07/2000  
Schwegman, Lundberg,  
Woessner & Kluth, P.A.

MAR 19 2001

RECEIVED

011385/0233 PAGE 2

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-04-2001



Atty Ref/Docket No.: 349.047US1

To the Honorable Commissioner of Patents and Trade.

101571622

or copy thereof.

1. Name of conveying party(ies):

Gregory P. Doten  
Thomas A. Tedham  
Brian P. Brockway

*MRD*  
*12-12-00*

2. Name and address of receiving party(ies):

Name: Data Sciences International, Inc.

Street Address: Suite 2244  
4211 Lexington Avenue North

City: St. Paul State: MN ZIP: 55126

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: December 7, 2000; December 11, 2000; December 11, 2000

*09/735378*

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 7, 2000; December 11, 2000; December 11, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Peter C. Maki

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Peter C. Maki / Reg. No. 42,832  
Name of Person Signing

*Peter C. Maki*  
Signature

12/12/2000  
Date

Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

01/04/2001 MTHR11 00000013 190743 09735378

Do not detach this portion

01 FEB 5 2001 40.00 CH  
When documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, WE, Gregory P. Doten, residing at 2941 Georgia Avenue North, Crystal, MN 55427, and Thomas A. Tedham, residing at 17051 Hanover Lane, Eden Prairie, MN 55347, and Brian P. Brockway, residing at 4339 Nancy Place, Shoreview, MN 55126, made certain new and useful inventions and improvements for which We executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled ADJUSTABLE FLOW PROBE.

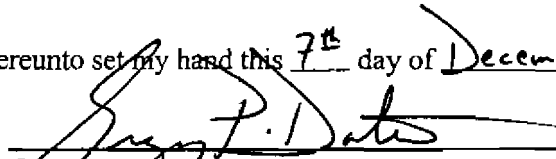
AND WHEREAS, Data Sciences International, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at Suite 2244, 4211 Lexington Avenue North, St. Paul, MN 55126, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

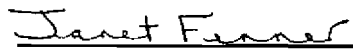
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7<sup>th</sup> day of December, 2000.

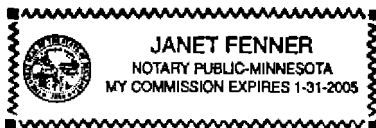
  
\_\_\_\_\_  
Gregory P. Doten

STATE OF MN )  
                                  )ss.  
COUNTY OF Ramsey )

On this 7<sup>th</sup> day of December, 2000 before me personally appeared Gregory P. Doten to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
\_\_\_\_\_  
Notary Public

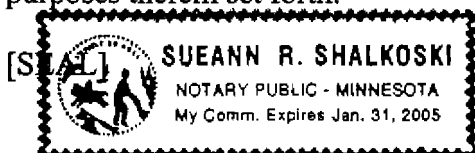


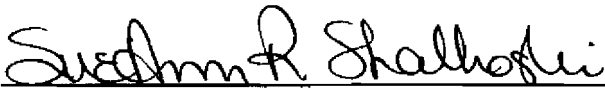
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of DECEMBER, 2000.

  
\_\_\_\_\_  
Thomas A. Tedham

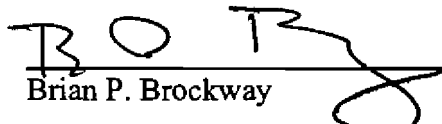
STATE OF MN )  
 )ss.  
COUNTY OF DAKOTA )

On this 11<sup>th</sup> day of December, 2000 before me personally appeared Thomas A. Tedham to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



  
\_\_\_\_\_  
Notary Public

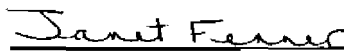
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of December, 2000.

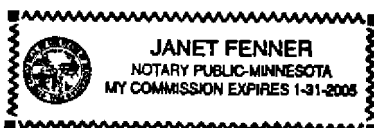
  
\_\_\_\_\_  
Brian P. Brockway

STATE OF MN )  
 )ss.  
COUNTY OF Ramsey )

On this 11<sup>th</sup> day of December, 2000 before me personally appeared Brian P. Brockway to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
\_\_\_\_\_  
Notary Public





UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

549.000001

202405

OCTOBER 27, 2003

PTAS

SCHWEGMAN, LUNDBERG, WOESSNER, ET AL  
TIMOTHY E. BIANCHI  
P.O. BOX 2938  
MINNEAPOLIS, MN 55402

Chief Financial Officer and Chief Administrative Officer  
Washington, DC 20231  
www.uspto.gov



\*102453210A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/19/2003

REEL/FRAME: 014074/0264  
NUMBER OF PAGES: 5

BRIEF: MERGER AND CHANGE OF NAME

ASSIGNOR:

DATA SCIENCES INTERNATIONAL, INC.

DOC DATE: 04/22/2003

ASSIGNEE:

TRANSOMA MEDICAL, INC.  
4358 WEST ROUND LAKE ROAD  
ARDEN HILLS, MINNESOTA 55112

SERIAL NUMBER: 09924739  
PATENT NUMBER: 6626838

FILING DATE: 08/08/2001  
ISSUE DATE: 09/30/2003

SERIAL NUMBER: 09962727  
PATENT NUMBER:

FILING DATE: 09/25/2001  
ISSUE DATE:

SERIAL NUMBER: 09997850  
PATENT NUMBER:

FILING DATE: 11/29/2001  
ISSUE DATE:

SERIAL NUMBER: 10041823  
PATENT NUMBER: 6626839

FILING DATE: 10/29/2001  
ISSUE DATE: 09/30/2003

PORTFOLIO I.P.  
Schwegman, Lundberg  
Woessner & Kluth, P.A.  
NOV 04 2003  
OCT 31 2003  
CMG RECEIVED  
RECEIVED

014074/0264 PAGE 2

SERIAL NUMBER: 09478762  
PATENT NUMBER: 6595071

FILING DATE: 01/06/2000  
ISSUE DATE: 07/22/2003

SERIAL NUMBER: 09735378  
PATENT NUMBER:

FILING DATE: 12/12/2000  
ISSUE DATE:

SERIAL NUMBER: 09968644  
PATENT NUMBER:

FILING DATE: 10/01/2001  
ISSUE DATE:

SERIAL NUMBER: 09825130  
PATENT NUMBER:

FILING DATE: 04/03/2001  
ISSUE DATE:

SERIAL NUMBER: 10420388  
PATENT NUMBER:

FILING DATE: 04/22/2003  
ISSUE DATE:

SERIAL NUMBER: 08819888  
PATENT NUMBER: 6299582

FILING DATE: 03/18/1997  
ISSUE DATE: 10/09/2001

SERIAL NUMBER: 09179042  
PATENT NUMBER: 6063034

FILING DATE: 10/26/1998  
ISSUE DATE: 05/16/2000

SERIAL NUMBER: 09329869  
PATENT NUMBER: 6323256

FILING DATE: 06/11/1999  
ISSUE DATE: 11/27/2001

SERIAL NUMBER: 09052509  
PATENT NUMBER: 6350242

FILING DATE: 03/31/1998  
ISSUE DATE: 02/26/2002

SERIAL NUMBER: 09478486  
PATENT NUMBER: 6539316

FILING DATE: 01/06/2000  
ISSUE DATE: 03/25/2003

SERIAL NUMBER: 07074930  
PATENT NUMBER: 4784155

FILING DATE: 07/17/1987  
ISSUE DATE: 11/15/1988

SERIAL NUMBER: 09927588  
PATENT NUMBER: 6506161

FILING DATE: 08/10/2001  
ISSUE DATE: 01/14/2003

SERIAL NUMBER: 09452332  
PATENT NUMBER: 6544180

FILING DATE: 11/30/1999  
ISSUE DATE: 04/08/2003

SERIAL NUMBER: 08950315  
PATENT NUMBER: 6033366

FILING DATE: 10/14/1997  
ISSUE DATE: 03/07/2000

SERIAL NUMBER: 29094112  
PATENT NUMBER: D415053

FILING DATE: 09/25/1998  
ISSUE DATE: 10/12/1999

SERIAL NUMBER: 09479268  
PATENT NUMBER: 6435037

FILING DATE: 01/06/2000  
ISSUE DATE: 08/20/2002

SERIAL NUMBER: 07199697  
PATENT NUMBER: 4846191

FILING DATE: 05/27/1988  
ISSUE DATE: 07/11/1989

SERIAL NUMBER: 08744360  
PATENT NUMBER: 5865749

FILING DATE: 11/07/1996  
ISSUE DATE: 02/02/1999



014074/0264 PAGE 3

SERIAL NUMBER: 08746421  
PATENT NUMBER: 5980463

FILING DATE: 11/08/1996  
ISSUE DATE: 11/09/1999

SERIAL NUMBER: 09491233  
PATENT NUMBER: 6379308

FILING DATE: 01/25/2000  
ISSUE DATE: 04/30/2002

SERIAL NUMBER: 09264147  
PATENT NUMBER: 6296615

FILING DATE: 03/05/1999  
ISSUE DATE: 10/02/2001

SERIAL NUMBER: 07069728  
PATENT NUMBER: 4796641

FILING DATE: 07/06/1987  
ISSUE DATE: 01/10/1989

SHARON LATIMER, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

05-21-2003

ET

Patent and Trademark Office

Atty Ref/Docket No.: 349.000001  
 To the Honorable Commissioner of Patents  
 1. Name of conveying party(ies):

## OLD NAME

Data Sciences International, Inc.

## 3. Nature of conveyance:

- ☐ Assignment ☒ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Other

Execution Date: April 22, 2003

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

## A. Patent Application No.(s)

Serial No. 09/924,739, filed August 8, 2001  
 Serial No. 09/962,727, filed September 25, 2001  
 Serial No. 09/997,850, filed November 29, 2001  
 Serial No. 10/041,823, filed October 29, 2001  
 Serial No. 09/478,762, filed January 6, 2000  
 Serial No. 09/735,378, filed December 12, 2000  
 Serial No. 09/968,644, filed October 1, 2001  
 Serial No. 09/825,130, filed April 3, 2001  
 Serial No. 10/420,388, filed April 22, 2003

## B. Patent No.(s)

6,299,582; 6,506,161; 5,865,749  
 6,063,034; 6,544,180; 5,980,463  
 6,323,256; 6,033,366; 6,379,308  
 6,350,242; D415,053; 6,296,615  
 6,539,316; 6,435,037; 4,796,641  
 4,784,155; 4,846,191

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Timothy E. BianchiAddress: Schwegman, Lundberg, Woessner & Kluth,  
P.A.

P.O. Box 2938  
 Minneapolis, MN 55402

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743.

5/20/2003 TBIAZ1 00000004 190743 09924739

1 FC:0021 1000.00 CH 40.00 GP

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Timothy E. Bianchi/Reg. No. 39,610

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: May 13, 2003

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
 Mail Stop Assignment Recordation Services  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

State of Minnesota

## SECRETARY OF STATE

### CERTIFICATE OF MERGER

I, Mary Kiffmeyer, Secretary of State of Minnesota, keeper of the Great Seal of the State and custodian of the documents pertaining to businesses governed by the laws of this State, do hereby certify that: the entities listed below have merged under the provisions of Minnesota law and have designated the surviving entity listed below. I further certify that the merger documents indicate the name change shown below and were filed on and are effective on the dates listed below. I further certify that the ability of the non-surviving participating entities to do business ceased as of the effective date of the merger.

**PARTICIPATING ENTITIES:**

TRANSOMA MEDICAL, INC.

DATA SCIENCES INTERNATIONAL, INC.

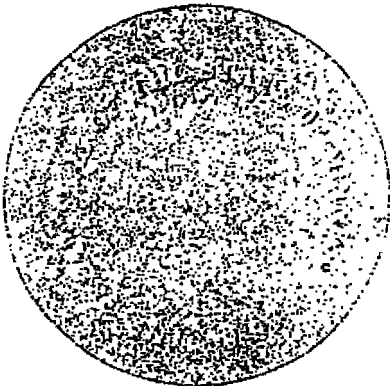
**SURVIVING ENTITY: DATA SCIENCES INTERNATIONAL, INC.**

**FILING DATE: 4/23/2003**

**NAME CHANGE: TRANSOMA MEDICAL, INC.**

**EFFECTIVE DATE: 4/23/2003**

This certificate has been issued on: 4/23/2003



*Mary Kiffmeyer*  
Secretary of State.

APR-23-2003 11:19  
APR-23-2003 11:12

DORSEY & WHITNEY LLP  
DATA SCIENCES INTL

DC, M, 800

6123402868  
651 481 7415

P.02/02  
P.02

0002

12Q-621

ARTICLES OF MERGER  
OF  
TRANSOMA MEDICAL, INC.  
INTO  
DATA SCIENCES INTERNATIONAL, INC.

The undersigned certifies as follows:

1. The Plan of Merger providing for the merger with and into Data Sciences International, Inc., a Minnesota corporation ("Parent"), of its wholly owned subsidiary, Transoma Medical, Inc., a Minnesota corporation ("Subsidiary") is attached as Exhibit A.
2. The number of outstanding shares of each class and series of stock of Subsidiary is 10 shares of common stock, \$.01 par value, all of which are owned by Parent.
3. The Plan of Merger has been approved by Parent under Section 302A.621 of the Minnesota Business Corporation Act.

IN WITNESS WHEREOF, the undersigned, being duly authorized on behalf of Data Sciences International, Inc., has executed this document this 22-day of April, 2003.

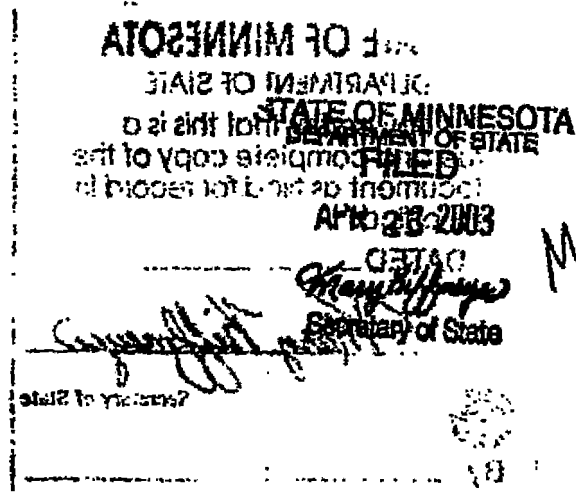
DATA SCIENCES INTERNATIONAL, INC.

By: B. P. Brockway  
Name: Brian P. Brockway  
Title: President and CEO

EXHIBIT A

PLAN OF MERGER  
OF  
TRANSOMA MEDICAL, INC.  
INTO  
DATA SCIENCES INTERNATIONAL, INC.

1. The name of the subsidiary corporation is Transoma Medical, Inc.
2. The name of the parent corporation is Data Sciences International, Inc.
3. The parent corporation shall be the surviving corporation. ✓
4. Upon the Effective Date of the merger (as defined below), the name of the parent corporation shall be changed to Transoma Medical, Inc. ✓
5. The merger shall be effective when articles of merger with respect to the merger are filed with the Minnesota Secretary of State (the "Effective Date").
6. Upon the Effective Date, all outstanding shares of each class and series of stock of the subsidiary corporation shall be canceled, and no shares of the surviving corporation shall be issued in lieu thereof.



**STATE OF MINNESOTA**

**DEPARTMENT OF STATE**

I hereby certify that this is a  
true and complete copy of the  
document as filed for record in  
this office.

DATED April 23, 2003

Mary Hoffmeyer

Secretary of State



By

Dorothy Christensen